

## ADVANCED COURSE IN METEOROLOGY IS INAUGURATED

Dr. Carl-Gustaf Arvid Rossby, A  
World Authority, Is  
In Charge

### IS NEW IDEA IN U. S.

Specialized training in weather forecasting for aviation will be included in an advanced course in meteorology to begin when Technology opens for its sixty-third year on Monday. The new course, first of its kind in this country, will be given by Dr. Carl-Gustaf Arvid Rossby, an authority who has done outstanding work in meteorological research in Europe and this country.

Dr. Rossby is a native of Sweden, and has been a member of several important expeditions, including the Conrad Holmboe expedition to Jan Mayen and Greenland in 1923. Recently he has been chairman of the Committee on aeronautical meteorology of the Daniel Guggenheim Fund for the Promotion of Aeronautics. Earlier he represented the same organization as research associate in meteorology attached to the United States Weather Bureau. Dr. Rossby has made important contributions to the knowledge of meteorology in its application to aerial navigation.

#### Weather Reports Studied

Among the students registered for the new course are six United States Naval officers. The course will include study of standard weather reports, which will be received from Washington daily by radio. Students will make their own analysis of weather maps and later their own forecasts. In addition to lectures stressing the practical side of meteorology, there will be instruction in dynamic meteorology, including the application of thermo and hydro dynamics to the subject. These studies include the theory of general circulation of the atmosphere and cloud formation, as well as the optics of the atmosphere. Dr. Rossby is now equipping a special laboratory for meteorological instruction and research.

## THE TECH Scribes Get English Credit

All freshmen and Sophomore candidates and staff members of THE TECH will receive credit for written work in the course in English and History for all copy written for publication in THE TECH. This arrangement is in force for the first time in several years, and if it works out satisfactorily, will continue in effect indefinitely. Freshmen and other new men who wish to profit by this opportunity should report to THE TECH newsroom, Room 3, Walker Memorial, as soon as possible. Work will be graded on a point system, which will be in effect by the second week of the school term.

## STRATTON SAILING HOME FROM EUROPE

### Has Made Two-Months' Pleasure Tour By Automobile

Dr. Samuel W. Stratton, President of Technology, is now on the high seas returning from a summer tour in Western Europe. He sailed from Boston accompanied by his secretary, Mr. Paris, on the Cunard Line on July 8. For convenience in traveling, Dr. Stratton took his automobile with him. Disembarking at Liverpool, the president made a two-weeks' tour of England, visiting Oxford and Cambridge, the National Physical Laboratory at Teddington, the cathedral towns, and points of historical and scenic interest. From there his schedule took him north to Scotland, and included travels of a similar nature.

The remainder of Dr. Stratton's time was spent in France where he took in the coast towns along with his visits to places of international interest. He is returning via the Cunard line and is expected to dock in New York in sufficient time to enable him to be back at the Institute for the opening of school next week.

## CHANGES AT M.I.T.

A hundred new trees planted in Great Court. They comprise pine oaks, Lindens, American and English elms. The cost of planting the trees and sodding is given as \$50,000, and represents only one stage in the ultimate beautification of the campus.

New sod on Massachusetts Avenue side of buildings, between the Aeronautical Lab and Building 5. In addition, new driveway to the entrance on this side.

New parking spaces behind Building 10.

Have you noticed the changes in location of the departments? Metallurgy is now in with Mining and Metallurgy; Organic Chemistry, third floor of Building 8; Accounting, third floor of Building 1; Building Construction now in Aeronautical Dept's old space in Building 5; and part of the Dept. of Biology and Public Health is situated on the basement

and second floors of the Infirmary.

Room 10-250 has been refinished, including a new lighting and motion picture projection system and rearrangement of the ceiling to improve the acoustics of the room.

Freshman Physics course revised two recitations and only one lecture per week.

Annual capacity of the Institute laundry has been increased from 540,000 pieces to 700,000.

THE TECH has a new printing office, and promises several important changes in policy in the near future.

Dorm accommodations increased to 425 students, and each one has a phone in his room.

Technology Review now located on second floor of Infirmary.

There has been nothing radically changed in and of the offices in Walker with the exception of the remodeling of the quarters of the Technology Christian Association, due to the need of increased facilities felt by Mr. Aborn and those in the front office, a change has been effected so that both of these departments of the T. C. A. now have enlarged quarters. To do this it was necessary to cut through a sixteen inch concrete wall, one of the main supports of the first floor and a good percentage of weight of the building.

At present none of these T. C. A. rooms seems a bit too large, owing to the fact that the freshman activity cards are in the rear room causing a constant stream of upper-classmen through the other offices. A never-ending stream of men in search of rooms, employment, books and gen-

(Continued on Page four)

# 165 Freshmen and 30 Upper Classmen Will Leave for Camp Massapoag Today

## VIEWS OF CLASS OF 1931 AT M.I.T. FRESHMAN CAMP



Camp Massapoag

## FRESHMAN CAMP PROGRAM

### FRIDAY:—

- 2:30 P.M. Assembly at Tech to leave for camp.
- 5:00 P.M. Swim.
- 6:00 P.M. Supper. Announcement.—Harlan Jessup.
- 8:00 P.M. Assembly in Social Hall.—Boyer leading. Introductions.—Dick Boyer. Brig. Allen—Institute Committee. Eric Bianchi—Walker Memorial Comm. Talk by Bill Haines—Entertaining. Assembly at Council Ring—Col. Locke on Tech history and traditions.
- 9:45 P.M. Leaders Meeting in Social Hall.

### SATURDAY:—

- 6:45 A.M. Reveille, Setting-up exercises, and Dip.
- 7:30 A.M. Breakfast—Announcements.
- 8:15 A.M. Camp details.
- 9:00 A.M. Discussions with Newt Fetter.
- 9:45 A.M. Presentation of activities. Brig Allen leading.
- 10:30 A.M. Group activity meetings in tents.
- 11:30 A.M. Swim.
- 12:15 P.M. Dinner—Announcements.
- 1:00 P.M. Coach McCarthy on Athletic Program.
- 5:00 P.M. Swim and canoe tilts.
- 6:15 P.M. Supper—Announcements.
- 7:15 P.M. Assembly in Social Hall—William Haines Company. Assembly in Council Room—Mr. Lobdell speaking.
- 9:30 P.M. Leaders' meeting.
- 10:00 P.M. Taps.

### SUNDAY:—

- 8:00 A.M. Reveille—setting up exercises and dip.
- 8:45 A.M. Announcements—Breakfast.
- 9:15 A.M. Camp details.
- 10:00 A.M. Discussion with Newt Fetter.
- 11:00 A.M. Track meet—Coach Hedlund in charge.
- 10:00 A.M. Discussion with Newt Fetter.
- 1:00 P.M. Dinner—Announcements.
- 2:30 P.M. Baseball game.
- 5:00 P.M. Vesper service with Newt Fetter.
- 6:15 P.M. Supper.
- 7:15 P.M. Discussions in tents with upper classmen.
- 8:00 P.M. Final Assembly in Social Hall.
- 10:00 P.M. Taps.

### MONDAY:—

- 6:45 A.M. Reveille.
- 7:15 A.M. Breakfast.
- 8:00 A.M. Departure for Cambridge.

## Sixty-five Men Enjoy Surveying Camp "Down East in Maine Woods"

### Find Camp Technology Affords Invaluable Experience In Course I

Sun browned and husky, bearded and moustached, if they were able to elude their barracks mates, they have returned. Back from a summer of practical experience in civil engineering, the men in Course I are ready for another year of the more or less theoretical side of their training.

From the time they embarked for the north woods on their special car last July (who would believe that it's been that long?) the time has been full. Up for a dip in the morning, out in the field from 7:45 until 5 in the afternoon, baseball before dinner, classes in the evening—small wonder that the discontent at the "Ten o'clock lights out" rule gradually disappeared.

An interesting course of study keeps the students from realizing that they really are going to school. In railroad field work, practice is had in "running in" simple and easement curves, setting slope stakes, and after a little experience in those lines has been gained, a preliminary survey and a final location line is made for a branch from the Maine Central. Right through the thick woods and swamps it goes, mosquitoes, brush, creeks and all, and the men learn that while a straight line may be the shortest distance between two points, it's the longest way around when dense scrub firs or soggy marsh are "on line".

When they weren't swimming, the men found out that hydrographic surveying, stream gaging, or as it is popularly termed, "stream guessing" means hanging over a bridge all day, "fishing" with a current meter, or peeking through a sextant while the

(Continued on Page four)

## NEW STUDENTS TO SPEND WEEK-END AT ANNUAL CAMP

### Technology Activities and Sports To Be Presented By Camp Leaders

### WILL RETURN MONDAY

One hundred and sixty-five members of the class of 1932, with a score of upper-classmen, faculty members and officers of the Institute, will leave this afternoon to spend the coming week-end at Camp Massapoag, the Cambridge Y.M.C.A. Boys' Camp at Dunstable, Massachusetts. A program of discussion groups, talks by activity men and faculty, and entertainment has been planned for the camp which is being sponsored by the Technology Christian Association.

Established three years ago by the Association, the third annual freshman camp is held for the purpose of giving the men of the incoming class an opportunity to become acquainted with their class-mates and to meet the student leaders, members of the faculty and administration officers of the Institute. During their stay at camp the freshmen will have the opportunity to learn the ideals and traditions of Technology and to get the advice of students and faculty members on the problems of adjusting themselves to college life.

**Cambridge "Y" Loans Camp**  
Camp Massapoag is the regular camp of the Cambridge Y.M.C.A. and has been used all summer for a boys camp. Each year it has been loaned to the T.C.A. for the freshman gathering and the entire facilities of the camp has been placed at the disposal of Boston, and is on the banks of Lake Massapoag, which is about two miles long and three-quarters of a

(Continued on Page four)

## ANNOUNCE MEETING OF ALL SOPHOMORES

### Plans To Be Made For Field Day Battle With 1932

All Sophomores will hold a meeting to discuss Field Day events in Room 10-250 on Wednesday afternoon, October 5, at five o'clock. Coach Hedlund and several leaders of the Class of 1931 will address the group and plans are to be formulated for the conquering of the freshmen.

Since the Sophomores have won practically all the Field Days since their inauguration, it behooves 1931 to uphold the sacred traditions of their class and turn out in full force for this all-important conclave. Oscar says, however, that any men who wish to start practicing for Field Day need not stand on ceremony, but should tear right into the work.

Incidentally, any freshmen found loitering in the vicinity of 10-250 at five o'clock of October 5 will be initiated into the mystery of what happens to bad little boys when they annoy their elders.

## CALENDAR

- Friday, Sept. 21**  
2:30—Freshmen leave for camp.
- Monday, Sept. 24**  
9:00—Registration begins.  
3:30—Final limit for calling on Registration Officers.  
4:00—Final limit for obtaining Class and Roll Cards.
- Tuesday, Sept. 25**  
9:00—Classes begin.
- Wednesday, Sept. 26**  
5:00—Crew Mass Meeting, Room 3-370.  
5:00—T.E.N. Mass Meeting, East Lounge, Walker Memorial.
- Friday, Sept. 28**  
5:00—T.E.C.H. Mass Meetings, Rooms 3-302 and 3, Walker Memorial.

## I.F.C. Denounces All Rushing at '32 Camp

If the third annual freshman camp is to achieve its purpose as a breeding place of Technology spirit, the upper classmen present must needs forget rushing and give the T.C.A. their full support. Any rushing done by them or other upper-classmen at the camp is clearly dishonorable conduct and will have to be treated as such. It is the hope of the Interfraternity Conference that nothing on that order will occur.

(Signed) John D. McCaskey, '29  
President, I.F.C.

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News Service  
for 47 years.



Official News  
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Undergraduates  
of M. I. T.

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### HAPPY NEW YEAR—OR WHAT HAVE YOU?

TECHNOLOGY is as much a conglomeration of opposites as any college could possibly be. The scores of different nationalities naturally give much toward that spice of college life we call variety, while the Americans from the other three corners of the country offer not a little toward bringing to the Institute practically every twist of native thought. We cannot boast, as do some of our honorable engineering rivals, of having men from only the surrounding sticks; far from that. Whatever there is, wherever it may come from, M.I.T. has it. Prominent among the factions are those insufferables, the Griper—to put it in the King's English. "Tech is hell" is their implicit belief; not their boast, but their constant funeral dirge. They hate the school; they hate the Faculty; they hate assignments; they hate vacations (whatever they may be). And least of all do they love themselves; how could they, with such dispositions? Heaven only knows why they last as long as they do, for the first impression of a Griper is "What vote did he get last term?"

We should give hearty thanks that even the Griper has an opposite to offset his cloudy atmosphere. Time after time have we talked with men who have felt more homesick for Technology than they have for home: men who have seen Technology in her true light; who know what they are after, and are seeking for their goal in earnest; who can balance pleasure with work, study with activity. Commuters, some of them; fraternity men, others. But still we are cursed with their weak sisters; worse than the infamous Brown Baggers are the Griper, in our mind.

We hate to end this with a moral. We won't. All we say with our best wishes for the new school year is, may the Griper be fewer, and may they keep their thoughts to themselves.

### BEHOLD—A CAMPUS

One more of THE TECH'S fervent prayers answered. Now we have a campus that is a campus. Who could ask for a more beautiful picture in the mind of a Tech man than the present Great Court with its accursed grey pebbles vanished, and a promising carpet of fresh turf in their place? "Are we happy?" is no word for it.

We are still at as much loss as the Administration seems to be in wondering what form the central portion will finally assume, but who cares about that? Why wonder whether the reflecting pool will be big or little, or whether it will be at all? We are satisfied with what the gods have given us.

### LITTLE CHICAGO

We can think of nothing that creates more bad feeling at the Institute than the cut-throat system of nabbing the incoming freshmen. Twenty-seven fraternity chapters open house a week or so before the term begins, spend several hundred dollars apiece creating a glorified atmosphere to entice the lucky rushees, and practice an unhealthy amount of hypocrisy that takes weeks and months to wear away.

The old saccharin grin that beautifies the face of a fraternity man when meeting one from another house is as sure an indication of the inward house-to-house attitude as could be found. If a brother were to carry out his true ambitions for the welfare of his next-door neighbor, Chicago would have nothing on Back Bay. This saccharinity can't help having an effect upon the rest of the social year: it puts fraternities nearly on a par with Judge's tennis fiends.

But a solution to this problem is pretty elusive. Only one have we heard so far: "Put the rushing entirely on a non-partisan basis; let numbers be given with each and every T.C.A. Handbook; at the All-Tech Smoker along with the usual raffle, let some disinterested coed do the drawing for the entire fraternity family, and let the matter drop." We admit that this would possibly lead to other complications, but it at least would obviate all this time and expense and that sugar-sweet hypocrisy.

The Managing Board of THE TECH, Volume XLVIII, take pleasure in announcing the election of Gregory Smith '30 to the position of Advertising Manager.

### OFFICES OF THE TECH

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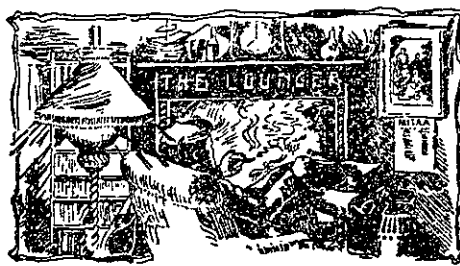
except during college vacations

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And here beginneth the umpty-umpty chapter of sweat-boxes, clubbing, and general wielding of the almighty gift of gab. Many a derisive haw-haw has the Lounger indulged in as the art of invincible persuasion evolved, and were it not for the pity he felt for the unfortunate frosh who can't help giving in after the first hour and a half, the Lounger would probably bust guffawing.

Just like a "Nice baby—sock!" is the poor greenhorn hit. The expression "Sure we love you; only a minute and a half left, c'mon, ya gotta say yes;" will be about as well loved on campus as Eddie Mueller just after registration. The Lounger has never failed to sing a Gloria to the few freshmen who have the guts to thumb their noses at the clubbers and make up their own minds.

Just see what the Lounger found in his box this morning! Shades of Gulliver—but we surely hope the young miss has no tendencies that way. Of course the Lounger would welcome the other half of the dirt, but his readers must remember that the coeds read this column too; if there were only the stenogs to consider, it wouldn't matter.

Yahoo, Miss.

July 4, 1928

Dear Lounger:

I have been anticipating my return to the dear old Institute ever since I walked out of the 2.20 exam at the end of forty-five minutes, and now I am really quite impatient to be back. I really do enjoy your spasmodic little column, and read nothing but THE TECH and the Chicago Tribune, as I think you and RHL have the cleverest columns in the country. But you see, yours is just a little one-sided, and you know, you don't even get half of the dirt. Oh, boy, what I could tell you! So why not make your column an open one this year, and let your readers contribute their brain-children. I personally, promise you an average of fifteen tons of the very lowest-down, each week.

Yours very truly,

Tillie the Co-ed

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## WELCOME

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# CREW AND TRACK MENTORS ISSUE FIRST CALLS FOR NEW MEN

## Frosh Crew Candidates To Start Practice Monday

One of the first mass meetings of registration week is scheduled for five o'clock Wednesday afternoon in Room 3-370, where all Varsity and freshmen candidates for crew will be addressed by the leaders of Technology rowing. Head Coach "Bill" Haines and 150-pound Coach Cedric Valentine will welcome the newcomers and veterans, and Captain Tittman of the varsity and Captain Gibbons of the 150-pound Varsity will give short talks to the men. Manager Hawkins will have something to say of benefit to any frosh interested in rowing.

The physical equipment for rowing is more complete this Fall than it ever has been in the past. Increased by the addition of two new shells from Oxford the past summer, the boat-house now shelters seventeen eight-oared shells. Both new boats are of the thole-pin type, more popular in

England than in this country, but last Spring's Junior Varsity used one of the English-rigged shells, as did the freshmen crew in one or two of their races. Coach Haines intends to have one of the new shells re-rigged, while he will leave the other in its present condition. In addition to the eights, there is one four-oared shell and several singles and doubles for the use of men who care to row in the light shells.

**Freshmen On River Monday**  
The sixteen-oared training barge will be put into use Monday afternoon, as freshmen are expected to report at once. The new men will go on the water at once, while official Varsity practice does not begin until Thursday afternoon. Several of the men have been rowing all summer, a full eight going on the river regularly for the first summer in history. On the past fourth of July, the eight from the Technology boat-house defeated a crew from the University Club, for which they were awarded a shield to be hung in the boat-house, and cups for the individual men. Coach Valentine of the hundred-fifties, Captain Tittman of the Varsity, Landen of the junior Varsity, and Bullock, 150-pound coxswain, were among the winning crew.

Ed Tittman, Varsity captain, suffered an unfortunate injury nearly

three weeks ago, that threw quite a scare into the crew followers. The boys had been cleaning up the boat-house, and had filled the furnace with trash to be burnt. The rubbish was saturated with kerosene, and just when the blaze was going merrily, the front door blew out of the furnace, and Tittman was severely burned about the body. He has almost fully recovered by now, and hopes to begin work with the rest of the Varsity men on Thursday.

"Bill" Haines will have an eight-oared wherry, which he is borrowing from Harvard to take up to Freshmen Camp and give the freshmen a ride to try and sink them for crew. Varsity men will be on hand to keep the boat upright. Jack Bennett, Ralph Zurwelle, "Pat" Manning, and Ed Hawkins will be on hand. Wherry will make trip Friday morning, the institute truck furnishing the transportation.

In the typical conversation between a Technology upper-classman and a new man, the question of Freshman Rules very naturally came up. The latter, a transfer from Colgate queried about the "Hello" Rule, asking how it worked, and received the reply that it was more or less in the nature of advice to the new men, to help them get along. "That's great, and as it should be," he replied, "Up at Colgate we all had to greet our seniors like butlers or else assume the angle."

## FROSH HARRIERS MEET COACH HEDLUND MONDAY

Track and Cross-Country have been the major sport in the Institute for a great many years. Track is one of the sports which requires very little time as each man works individual, and does not require team play as in other sports. We have schedules all made out for this year, so that the Freshmen have plenty of competition both in Track and Cross-Country, also handicap meets during the season with our Inter-Class Meet in November. This Inter-Class Meet has a Freshman and Sophomore Relay Race, involving twelve men to each team. The last race was very spectacular one, and created much interest between the two classes.

Freshmen interested in Track should not wait until Spring to start, as usually the man who starts in the Fall gets more attention. The Fall work gives the coach more time to help the individual, especially the Freshmen.

Freshman Cross-Country starts immediately after school opens and lasts until the middle of November, at the time the best seven men make a trip to New York to compete at Van Cortland Park. Cross-Country should be taken up by a great many Freshmen as it helps a man in his Spring work.

It does not make a great deal of difference to me, whether a boy has done anything in track before coming into the Institute. Many come here without any knowledge whatsoever about track, and become stars before

they graduate. Every boy should try to have some form of recreation as it is very valuable to him in his class work, and the personal contact with other boys on the team is a great help to him in his future life.

Freshmen are required to take Physical Training the first year, but can substitute track for physical training, which gives them an opportunity to be out of doors to enjoy the fresh air. Many boys who have substituted track for Physical Training have become excellent athletes, and have received numerous prizes for their efforts.

We have many events for the freshmen to work for and as in other years we are trying to give all Freshmen an opportunity to participate in competition.

All freshmen interested in Track and who would like to find out what we do should be sure to report at the track house Monday afternoon. Do not wait until it is too late. Start early and see what Institute Track can do for you. Track has done a lot for others, let it be of help to you in your College days.

Monday will mark first academic use of Guggenheim Aeronautical Building.

Limitation on registration rejects 50 per cent of applicants.

## SUMMER CAMP HAS CLOSE FIELD DAY

Jack Vennard is the Victor While  
Larry Gonzalez Takes  
Second Place

### BARRACKS H WINS RELAY

After weeks of hard work Labor Day had finally arrived for the famous athletes of the Civil Engineering Summer Camp. With weeks of bushwhacking behind them all of the entrants were in the finest of shape. By nine o'clock a large crowd was out to watch the events.

Jack Vennard walked off with first place taking eleven points while Larry Gonzalez was right on his heels getting nine and a half points. William Locklin was third with eight points.

Canoe tilting and the relay race, the two events that did not count in the individual competition proved the most exciting contests of the day. After a neck and neck race, Barracks H won the relay race, with A second and F third.

Hank Luykx and Ed Hawkins were the champions in the canoe tilting. In order to down Henry Halberg and Johnny Falk, their last opponents, they nearly tipped over themselves, but finally Hank gave Henry an exceptionally hard poke in the ribs with his tilting pole, thus sending the last contender into a beautiful flying Dutchman. On his way Halberg grabbed hold of the canoe and forced Falk who was slightly off balance to follow the fighting red head into the water thereby giving Luykx and Hawkins a complete victory.

Crew mass meeting next Wednesday. "Bill" Haines, Capt. Ed Tittman will talk.

Crew practice will start next Thursday. Freshmen will start in barge and experienced candidates in shells. Freshmen and sops train for Field Day.

Two new oxford sheels have arrived making total eights 17. They are thole pins rigged and will be changed to swivel.

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*Charlie Chaplin*



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## Aeronautical Building Opened To First Students Monday

### Limitation of Course XVI Drops 50 Percent of Applicants

With the opening of the school year instruction and research in aeronautical engineering will be centered in the new Daniel Guggenheim Aeronautical Building, which was dedicated in June and provides much needed additional space for the work in this branch of engineering. Limitation has been placed on registration for the course in aeronautical engineering and only fifty per cent of those applying could be accepted this year. The policy of limitation was put into effect in order to maintain the high standards of instruction and research at Technology. The limitation rule applies chiefly to freshmen registering for their second year. There are no restrictions on graduate enrollment, and men transferring from other colleges with high marks will be accepted. The decision to limit enrollment followed an

increase of 133 per cent in registration for this course last year.

The large wind tunnel, moved from its old location to the new laboratory in the Guggenheim building, is now in operation, and orders have been placed for a new and somewhat smaller tunnel for general and commercial airplane research. With the new tunnel Technology will have built four wind tunnels. Fifteen years ago the Institute built the first modern wind tunnel in America.

### INORGANIC CHEMISTRY

Chemistry 5.073 and 5.074

Journal Meeting in Inorganic Chemistry

and

Chemistry 5.071 and 5.072

Research Conference in Inorganic Chemistry

Open to graduate students, and also to senior students in Courses V. and X.

Meetings weekly: hour to be fixed at first meeting on Friday, Sept. 28, in Room 2-319, at 3 o'clock.

Reports will be given on researches in progress and contemplated, both here at the Institute and, on allied problems, elsewhere. The journal meeting will consider published articles bearing on inorganic chemistry, and will include discussion of same, led by a person (not giving the report) previously designated. All those interested, including staff members, are invited to any and all meetings.

### FRESHMAN

Eat at the  
Esplanade Cafeteria  
Best Food 10% Discount  
MASS AVE. (at Beacon St.)

### Hotel Canterbury

Offers excellent rooming opportunities at lowest rates  
WEST CHARLESGATE,  
BOSTON

# Buy at Your Store and Get a Dividend

## JOIN TECHNOLOGY BRANCH FIRST

To get the best results every Tech man should become a member of the "Coop" before he begins to buy any of his supplies. It costs one dollar to join for one college year. You get a membership ticket with a number. Tell the salesman your number every time you buy anything that costs 25c or more at Technology Branch, the Barber Shop or the Main Store at Harvard Square. The total credited to your number on June 30 is the amount on which you get your dividend. The profits are divided among the customers who join.

Dividend Checks for last year's purchases will be ready for distribution in October. The dividend paid on last year's business is 10% on cash purchases and 8% on charge purchases.

Checks are cashed. } for "COOP"  
Charge accounts are opened } members only.

The "COOP" is the official source of required textbooks, drawing instruments and supplies in every course.

TECHNOLOGY BRANCH

## Harvard Co-operative Society

76 Massachusetts Avenue, Cambridge, Mass.

### Haines Takes Barge Up to Freshman Camp

Several novel features have been introduced in the freshman camp this year. "Bill" Haines, Technology's crew coach, is responsible for one of them. This morning when the supply truck leaves for Camp Massapoag, a trailer will follow upon which an eight oared shell will rest. This shell will be put into the water and rigged before the freshmen arrive at the camp, so that it can be used as soon as the activities begin.

"Bill" Haines' purpose in taking the shell to the camp is to arouse interest in one of Technology's leading sports. A few experienced Varsity crew men will be in charge of the shell and they will take out all the men interested for a row on the lake. It will also serve to show to the prospective crew men what they would be expected to do and learn.

This year, as usual, "Pat" Manning will also be there at the camp in charge of the boats. All the men who are interested in the crew will hear the discussions at the regular conference hour and will sign up for the sport then. Those who sign up will be enabled to take the required swimming test in the lake instead of waiting until school opens and taking it at the Y.M.C.A. pool.

## ANNUAL FRESHMAN CAMP TO OPEN AT MASSAPOAG TODAY

Busses Start From In Front Of  
Walker Memorial At 2:30  
This Afternoon

### 165 FRESHMEN TO ATTEND

(Continued from Page One)

mile wide. Busses will be in front of Walker Memorial this afternoon at 2:30 o'clock to convey the campers from here to Massapoag. The same method of transportation will be used on the return trip which will allow the first year men to get back to the Institute by 9:30 o'clock Monday morning in time for registration.

Faculty Members to Attend Among the faculty and administrative officers attending the camp are Assistant Dean Harold E. Lobdell '17, Bursar Horace S. Ford, Professor Leicester F. Hamilton '14, and Colonel Frank L. Locke '86, who will address the freshmen on the history and traditions of Technology. William Haines, Crew Coach, Henry P. McCarthy, Physical Director, Oscar L. Hedlund, Track Coach, and Frank Silva, Freshman Football Coach, will tell the freshmen the opportunities for various sports during the school years at the Institute.

Harlan R. Jessup '28, is the student manager in charge of the camp. Assisting him are Wallace M. Ross, General Secretary of the Association and Pennell N. Aborn, Employment Secretary of the T.C.A. Newton C. Fetter, Jr., Baptist Student Pastor for Greater Boston, will lead in several discussion groups and meetings.

### Activity Leaders Present

Among the upper classmen representing various activities of undergraduate life at the camp will be Hugh Hamilton, Jr., '29, President of the Technology Christian Association, Richard Boyer '29, Secretary of the Institute Committee; C. Brigham Allen '29, President of the Senior Class and Chairman of the Institute Committee; John F. Bennett '30, President of the Junior Class; Horace S. Ford, Jr., '31, President of the Sophomore Class; Eric A. Bianchi '29, Chairman of the Walker Memorial Committee; David F. Bremner '29, General Manager of Technique; William Baumrucker, Jr., '29, General Manager of the Tech Engineering News; Lawrence C. Hamlin '29, General Manager of THE TECH; Jerome H. Geisman '29, General Manager of Voo Doo; William B. Thomas '29, President of the M.I.T. Athletic Association; William H. Dolben '29, President of the Boat Club; Richard N. Chindblom '30, representing the Tech Show; Albert L. Eigenbrot '29, Cheer Leader; William J. Wiley '29, Chairman of the Dormitory Committee; Theodore A. Riehl '30, Treasurer of the Technology Christian Association; and Donald R. Funk '30, General Manager of the Musical Clubs. Other upperclassmen who will act as counselors at the camp are D. Tullis Houston '30, representing THE TECH; Fred N. Dickerman '30, representing the T.C.A., and Bernard B. Brockleman '29.

## 65 MEN ENJOYED SURVEYING CAMP

Camp Life and Practical Experience Liked By Course  
I Men

(Continued from Page One)

man in the bow of the boat sings out "fourteen point five". For the lake bottom, as well as the shores, was mapped, and discharge measurements of the nearby streams computed.

Plane and topographic surveying, the other two courses, furnished plenty of diversion, and were of great worth to the students. After locating a point in a small tract of land by triangulation from distant points, a map of that tract was made by plane table or stadia. Buildings, roads, hills, woods, cornfields—they all appear, in a more or less recognizable form, on the finished product.

### Professor Fyfe In Charge

Professor W. M. Fyfe was in charge of the camp, though he had nothing to do with the instructing. On the instructing staff were Professors G. L. Hosmer, J. B. Babcock, J. W. Howard, and W. A. Liddell, and Instructors J. D. Mitsch, J. A. McCarthy, C. B. Meagher, and H. B. Snow. The professors were able to embody in their teaching the results of many years of practical experience, a factor which made even more valuable to the student the training he received.

While none of the occupations were long enough or hard enough to become odious as real work, the week ends usually afforded plenty of regular good times. A big tea dance was held on Labor Day, followed the next Saturday by a Tech Show, both of which were enthusiastically received by a populace rather starved for any sort of entertainment of that kind. The dances at Indian Lake, a short drive from the camp, were always well attended on Saturday night. And in between times—well, the boys may be engineers and all that, but the local girls were generally able to show them some clever new ideas! Anyone will tell you, too, that they are completely adequate instructors in their particular lines.

All in all, it was a good summer. It is something which the Juniors and Seniors look back upon with pleasure, and which the Sophomores and freshmen in the civil engineering course may anticipate as one of the high spots in their curriculum.

### CHANGES AT M.I.T.

(Continued from Page One)

eral information keeps the front office continually crowded, and then, of course the influence of two stenographers is left undiscussed.

Dr. Samuel W. Stratton, president of Technology now has a private research laboratory in the basement of the Homburg Infirmary. He has never before had a place at the Institute where he could conduct his scientific work alone and entirely undisturbed. The door of this room has the name Samuel W. Stratton painted on it.

Athletics suffer severe loss in failure of Phil Hardy, Sophomore football star, and Norm McClintock, cross-country captain, to return to school.

English Dept. to give theme credit to freshmen and Sophomores writing copy for the TECH.

## Army Officers' Shoes

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## MEETING AND SMOKER ANNOUNCED BY T.E.N.

Members of the freshman class who are not attending the Freshman Camp, are cordially invited to attend a meeting of the members of the staff of Technology Engineering News. The meeting will be held tomorrow afternoon at 2:00 o'clock at the office in the Walker Basement. Matters of general interest will be presented at this time. Freshman will be introduced into some of the mysteries of publishing a technical monthly.

Arrangements have been made for the Smoker which will be held Wednesday afternoon at 5:00 o'clock in the East Lounge, Walker. All persons interested in the publication, especially those desirous of competing for positions on the staff are urged to attend this get-together. Men who have had previous experience in this field are especially requested to attend the Smoker. A prominent journalist has been secured to be the main speaker of the evening.

## NOTICES

All freshmen will be expected to purchase the regulation cardinal-and-gray tie on registration day. At present the only place where these may be obtained is at The Technology Branch of the Harvard Cooperative Society. According to the constitution of the student government the Freshman Rules go in effect at nine o'clock on Tuesday, the first day of classes. The men of the class of 1932 are expected to show their spirit by cooperating with these regulations, especially when they have been drawn up solely for the purpose of aiding the new men.

A meeting of the Sophomore football team is called for four o'clock on the afternoon of Wednesday, September 26 at the track house. All members of the squad are urged to be present.

A meeting of all the freshmen interested in track and cross country running will be held in Room 4-231 on Thursday afternoon, September 27. The meeting will start at 3 o'clock and will be in charge of Coach "Os" Hedlund. This is the first track meeting of the year and Coach Hedlund wishes all members of the incoming class who are interested in the sport to be present at that time.

## How Gold Prospector "Went Scotch"

Minneapolis, Minn.  
April 30, 1928

Larus & Bro. Co.  
Richmond, Va.  
Dear Sirs:

Two years ago last winter I went into the Red Lake gold fields in Canada. It was a tough trail from Hudson, over 140 miles of snow and ice. There were fourteen of us on the trail going in, and frequently at night when seated around a big camp fire, some one would ask me for a pipeful of Edgeworth. These Canadian boys sure like our Edgeworth.

In four weeks' time I ran out of Edgeworth. I was glad to get 'most any old tobacco.

One day, however, I dropped in to Dad Brown's tent, a 72-year-old prospector, and seeing a can of Edgeworth on an improvised table, back there 150 miles from the "steel," I perked up at once, saying, "Dad, I'm plum out of tobacco—how's chances for a pipeful?" "Help yourself," he said. So pulling my heavy duty pipe from my pocket, I loaded it with Edgeworth, packing it in so tightly that I couldn't get the least bit of a draw.

I excused myself for a moment, and stepped outside to remove about three pipefuls to put in my pouch. Dad stepped out, saying, "You're worse than any Scotchman I ever saw." Then I confessed. I told him what happened to my Edgeworth—that I was just dying for a smoke, and he understood right away. He said, "Boy, Edgeworth is mighty scarce in these parts, but I reckon I can spare what's left of that can. Help yourself."

You can just bet your last nickel that I guarded this Edgeworth with extreme care until I got back to the "steel."

Yours very truly,  
C. M. Bahr

Edgeworth  
Extra High Grade  
Smoking Tobacco